FIG.1

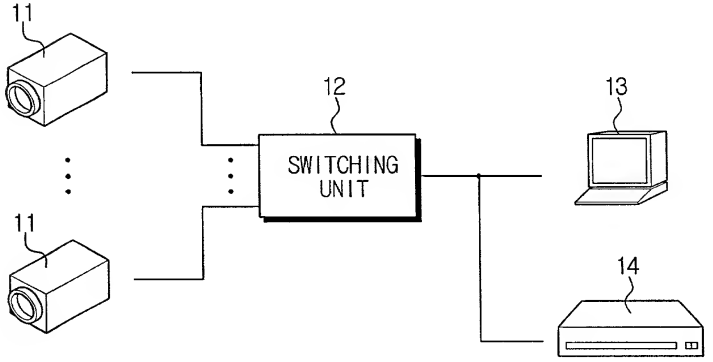
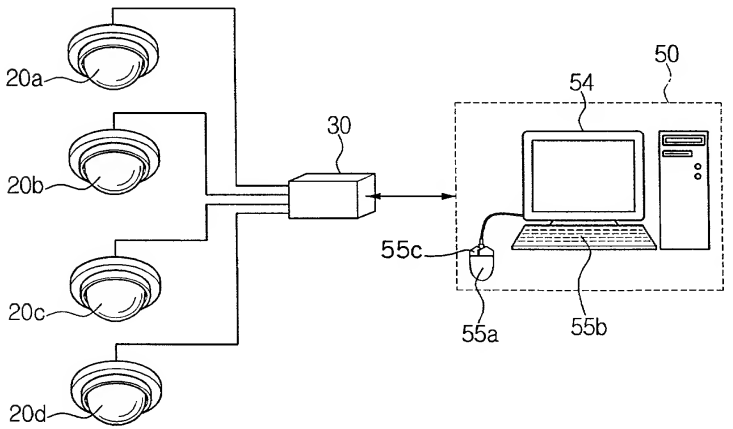

11
12
13
SWITCHING UNIT
11
14

FIG.2


20a
20b
20c
20d
30
50
54
55c
55a
55b

20220301 160128001

FIG.3

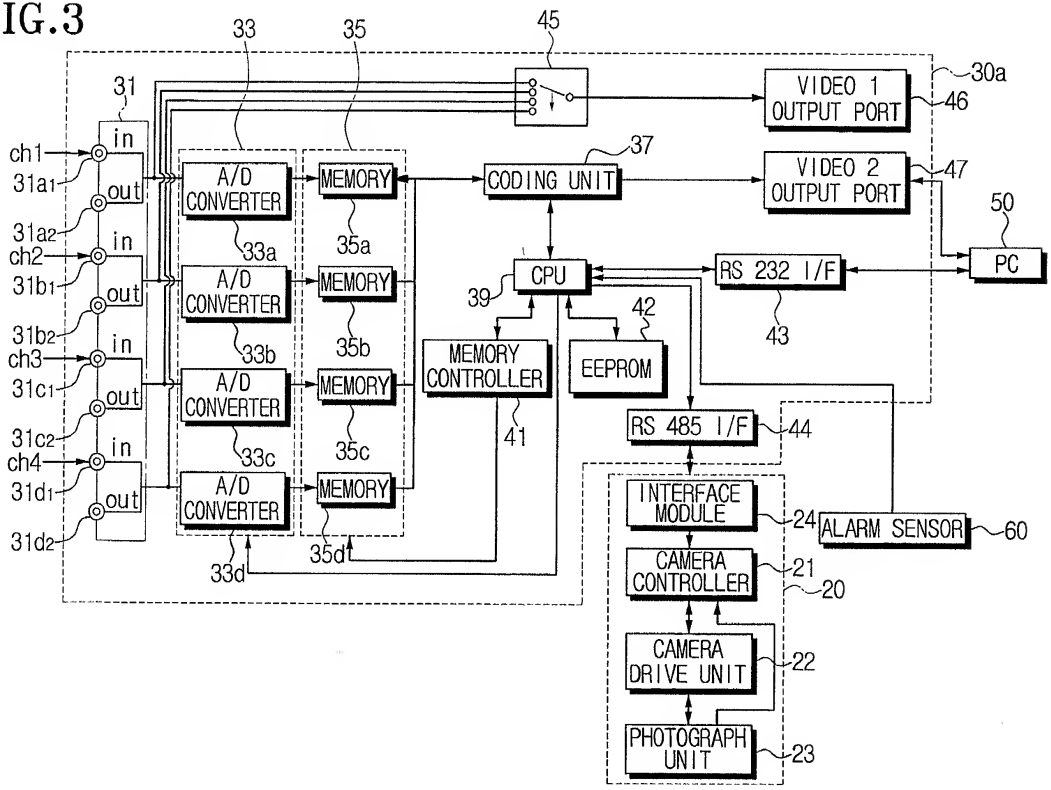


FIG.4

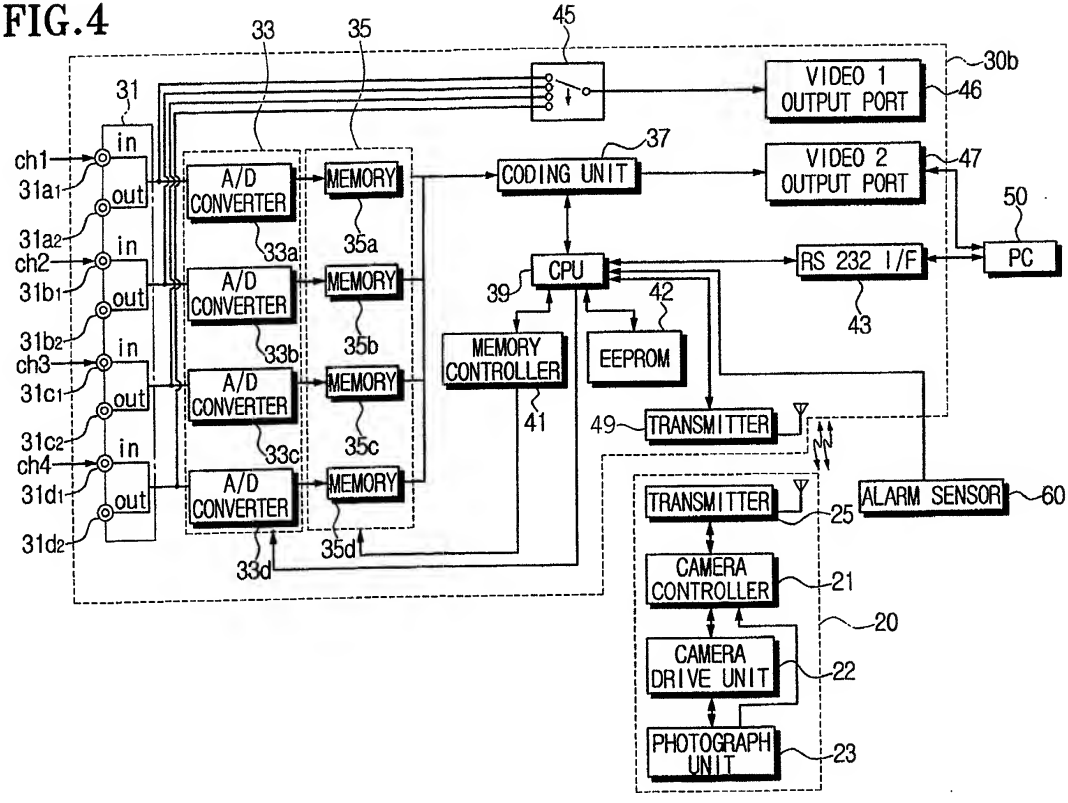

45
33
35
31
30b
VIDEO 1 OUTPUT PORT
46
37
VIDEO 2 OUTPUT PORT
47
50
PC
RS 232 I/F
43
CPU
39
42
MEMORY CONTROLLER
41
EEPROM
49
TRANSMITTER
ALARM SENSOR
60
CODING UNIT
A/D CONVERTER
MEMORY
33a
35a
33b
35b
33c
35c
33d
35d
ch1
31a1
31a2
ch2
31b1
31b2
ch3
31c1
31c2
ch4
31d1
31d2
in
out
TRANSMITTER
25
CAMERA CONTROLLER
21
20
CAMERA DRIVE UNIT
22
PHOTOGRAPH UNIT
23

FIG.5

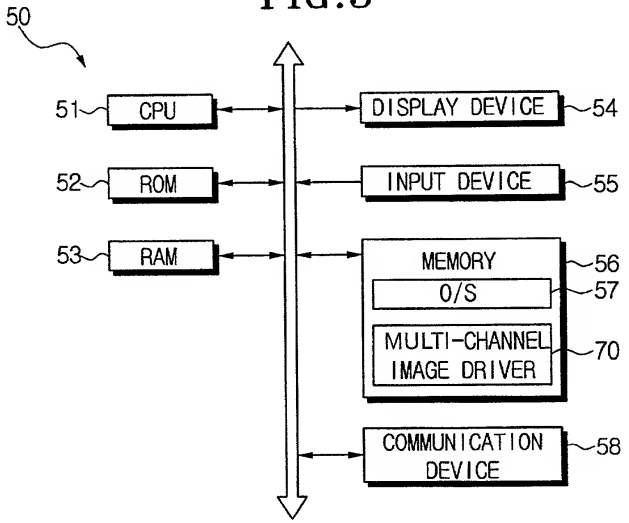

50
51
CPU
52
ROM
53
RAM
DISPLAY DEVICE
54
INPUT DEVICE
55
MEMORY
56
O/S
57
MULTI-CHANNEL IMAGE DRIVER
70
COMMUNICATION DEVICE
58

FIG.6

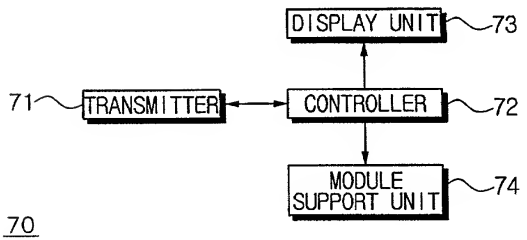

DISPLAY UNIT
73
71
TRANSMITTER
CONTROLLER
72
MODULE SUPPORT UNIT
74
70

FIG.7

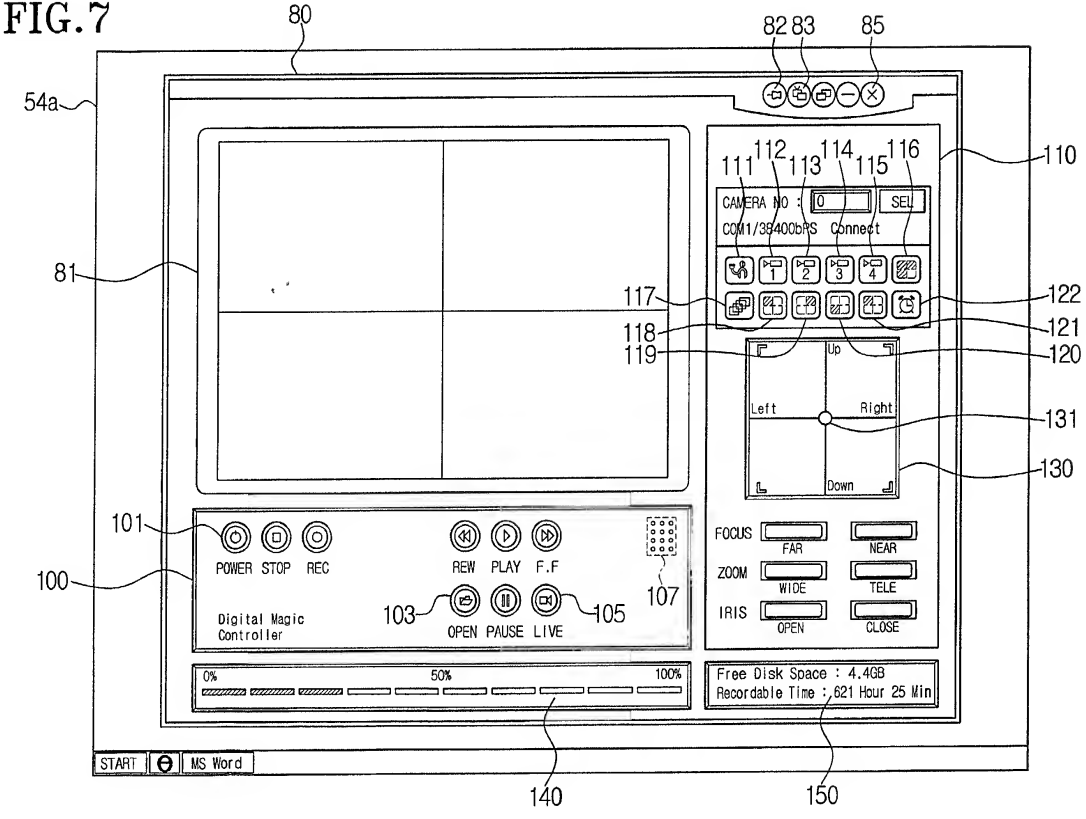

80
82 83
85
54a
110
111
112
113
114
115
116
CAMERA NO :
0
SEL
COM1/38400bPS Connect
81
117
118
119
122
121
120
Up
Left
Right
131
130
Down
101
100
POWER STOP REC
REW PLAY F.F
103
OPEN PAUSE LIVE
105
107
Digital Magic
Controller
FOCUS
FAR
NEAR
ZOOM
WIDE
TELE
IRIS
OPEN
CLOSE
0%
50%
100%
Free Disk Space : 4.4GB
Recordable Time : 621 Hour 25 Min
START
MS Word
140
150

FIG.8

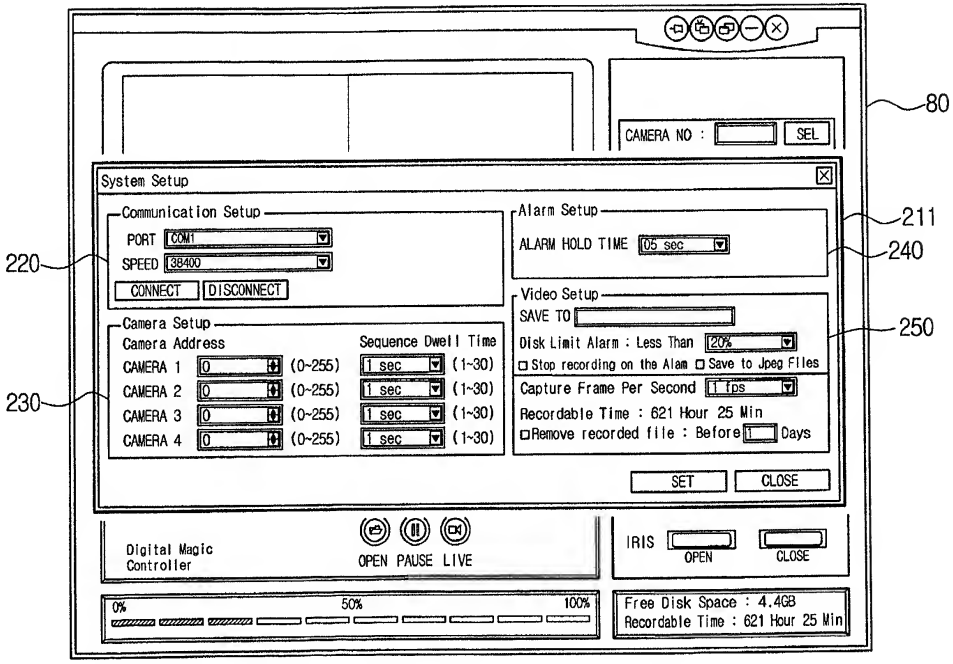

80
CAMERA NO :
SEL
System Setup
Communication Setup
PORT COM1
SPEED 38400
CONNECT
DISCONNECT
220
Alarm Setup
ALARM HOLD TIME 05 sec
211
240
Video Setup
SAVE TO
Disk Limit Alarm : Less Than 20%
Stop recording on the Alam
Save to Jpeg Files
250
Capture Frame Per Second 1 fps
Recordable Time : 621 Hour 25 Min
Remove recorded file : Before 1 Days
Camera Setup
Camera Address
Sequence Dwell Time
CAMERA 1 0 (0~255) 1 sec (1~30)
CAMERA 2 0 (0~255) 1 sec (1~30)
CAMERA 3 0 (0~255) 1 sec (1~30)
CAMERA 4 0 (0~255) 1 sec (1~30)
230
SET
CLOSE
Digital Magic Controller
OPEN PAUSE LIVE
IRIS
OPEN
CLOSE
0%
50%
100%
Free Disk Space : 4.4GB
Recordable Time : 621 Hour 25 Min

FIG.9

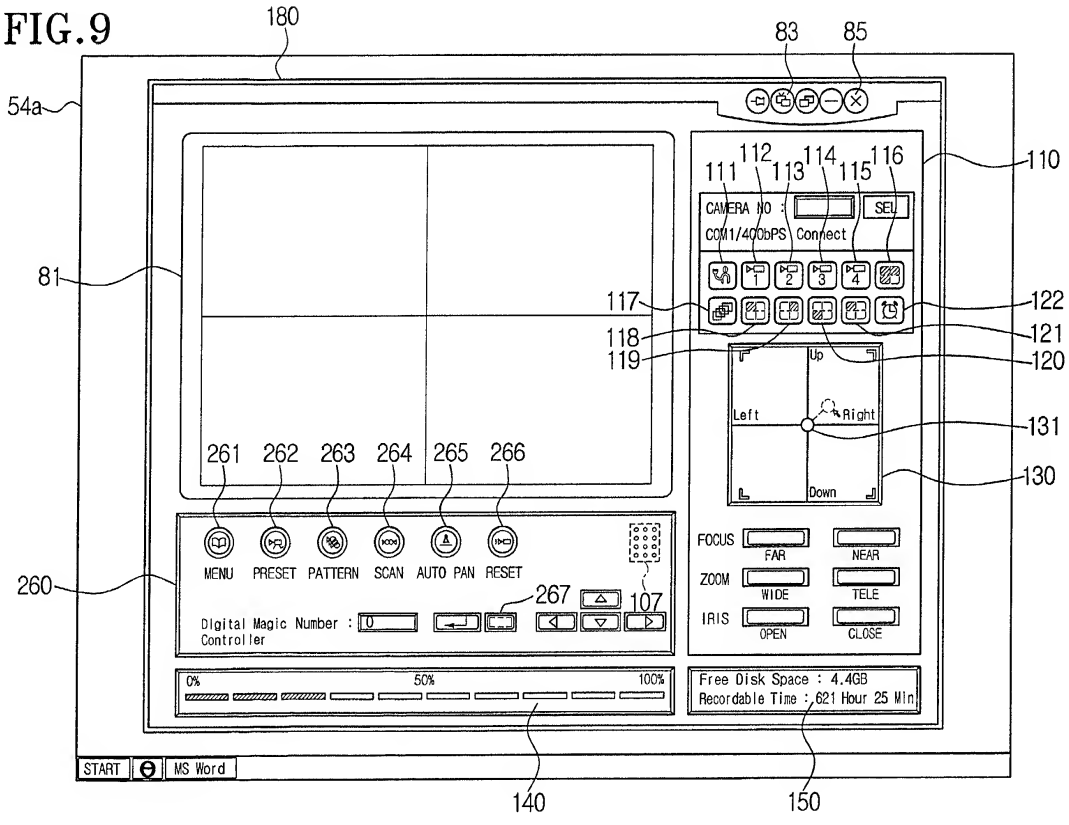

180
83
85
54a
111
112
113
114
115
116
110
CAMERA NO :
SEL
COM1/400bPS Connect
81
117
118
119
122
121
120
Up
Left
Right
131
Down
130
261
262
263
264
265
266
MENU
PRESET
PATTERN
SCAN
AUTO PAN
RESET
260
267
107
Digital Magic Number :
Controller
FOCUS
FAR
NEAR
ZOOM
WIDE
TELE
IRIS
OPEN
CLOSE
0%
50%
100%
Free Disk Space : 4.4GB
Recordable Time : 621 Hour 25 Min
START
MS Word
140
150

FIG.10

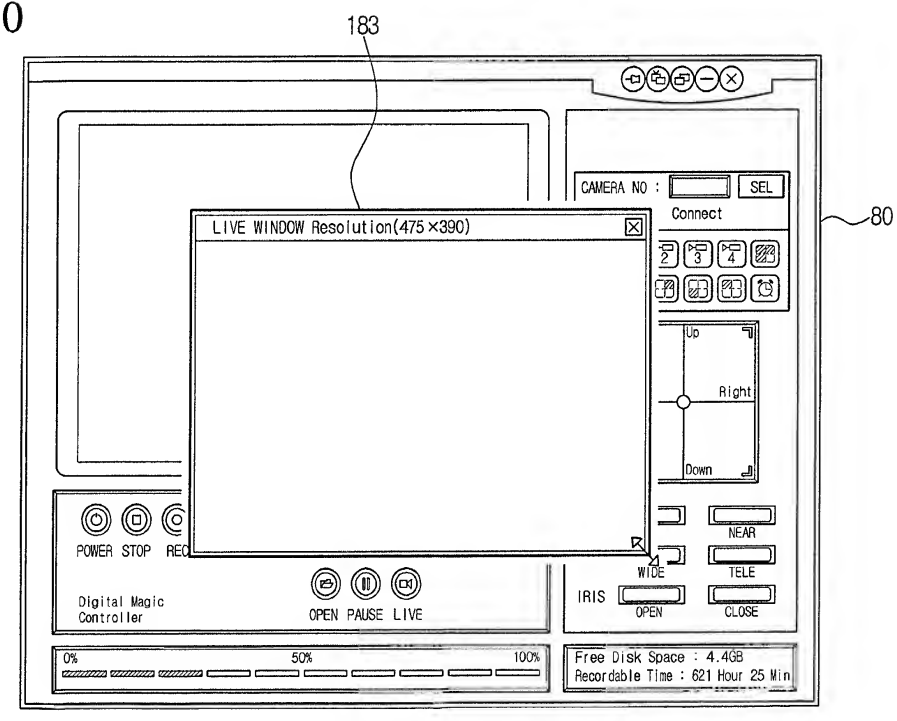

183
80
LIVE WINDOW Resolution(475×390)
CAMERA NO :
SEL
Connect
2
3
4
Up
Right
Down
POWER
STOP
REC
NEAR
WIDE
TELE
IRIS
OPEN
CLOSE
Digital Magic
Controller
OPEN
PAUSE
LIVE
0%
50%
100%
Free Disk Space : 4.4GB
Recordable Time : 621 Hour 25 Min

FIG.11

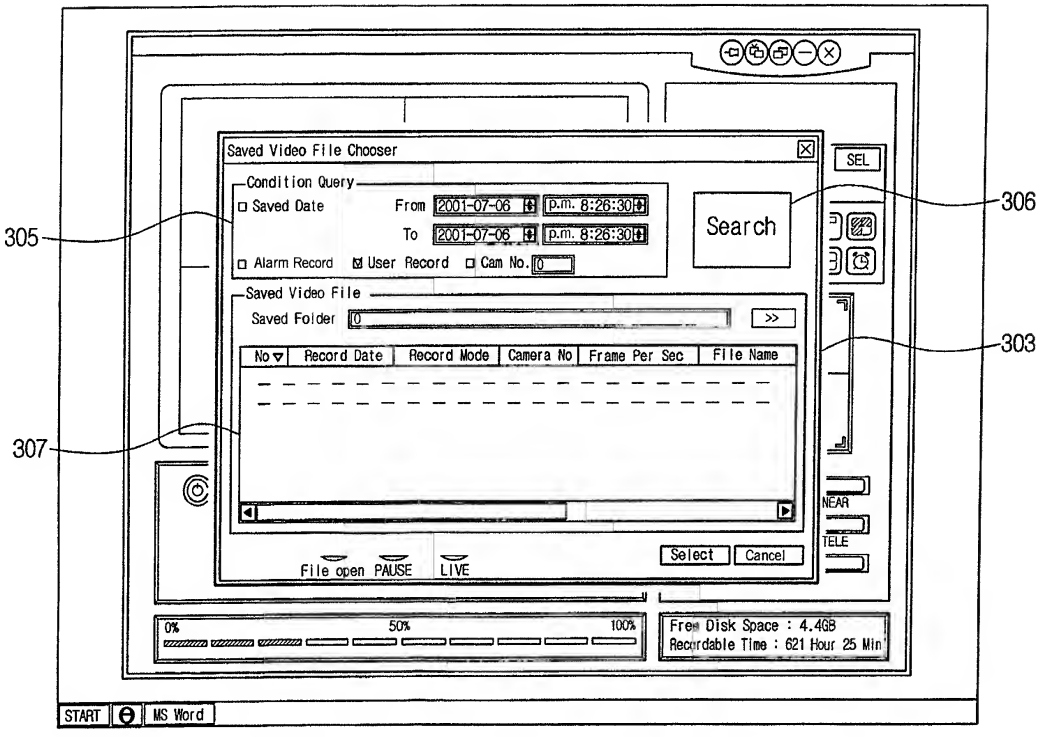

Saved Video File Chooser
Condition Query
Saved Date
From 2001-07-06 p.m. 8:26:30
To 2001-07-06 p.m. 8:26:30
Alarm Record
User Record
Cam No. 0
Search
SEL
Saved Video File
Saved Folder 0
No
Record Date
Record Mode
Camera No
Frame Per Sec
File Name
NEAR
TELE
File open
PAUSE
LIVE
Select
Cancel
0%
50%
100%
Free Disk Space : 4.4GB
Recordable Time : 621 Hour 25 Min
START
MS Word
305
306
303
307

FIG.12A

- NTSC

CATEGORY			RECORDING CAPACITY BY TIME			NUMBER OF DAYS FOR RECORDING (30GB BASIS)
			1 Min	1 Hour	24 Hour	
CASE OF MUCH MOVEMENT (5Kbyte/frame)	Real Time	30frames/sec	9MB	540MB	13GB	2.3일
		20frames/sec	6MB	360MB	8.6GB	3.5일
	Non Real Time	10frames/sec	3MB	180MB	4.3GB	7일
		5frames/sec	1.5MB	90MB	2.2GB	13.6일
CASE OF LESS MOVEMENT (2Kbyte/frame)	Real Time	30frames/sec	3.6MB	216MB	5.2GB	5.8일
		20frames/sec	2.4MB	144MB	3.5GB	8.6일
	Non Real Time	10frames/sec	1.2MB	72MB	1.7GB	17.6일
		5frames/sec	0.6MB	36MB	0.9GB	33.3일

FIG.12B

- PAL

CATEGORY			RECORDING CAPACITY BY TIME			NUMBER OF DAYS FOR RECORDING (30GB BASIS)
			1 Min	1 Hour	24 Hour	
CASE OF MUCH MOVEMENT (5Kbyte/frame)	Real Time	25frames/sec	7.5MB	450MB	10.8GB	2.8일
		15frames/sec	4.5MB	270MB	6.5GB	4.6일
	Non Real Time	10frames/sec	3MB	180MB	4.3GB	7일
		5frames/sec	1.5MB	90MB	2.2GB	13.6일
CASE OF LESS MOVEMENT (2Kbyte/frame)	Real Time	25frames/sec	3MB	180MB	4.3GB	7일
		15frames/sec	1.8MB	108MB	2.6GB	11.5일
	Non Real Time	10frames/sec	1.2MB	72MB	1.7GB	17.6일
		5frames/sec	0.6MB	36MB	0.9GB	33.3일